

# THE MEDICINAL AND POISONOUS GRASSES OF INDIA.

BY

J. F. CAIUS, S.J., F.L.S.

The GRAMINEAE are one of the largest families of plants, including about 480 genera and 5,880 species. They are found in all climates and situations, but are most numerous in temperate regions.

The medicinal and poisonous grasses of the world belong to 78 genera:—*AGROPYRON* (temperate regions of Europe and Asia); *AMPHILOPHIS* (tropical Asia and Africa); *ANATHERUM* (Brazil); *ANDROPOGON* (tropics of both hemispheres; South Europe, North America, temperate Asia); *ANTHEPHORA* (Africa); *ANTHOXANTHUM* (temperate regions); *ARISTIDA* (all warm dry countries); *ARTHRAZON* (tropics and subtropics of the Old World); *ARUNDINELLA* (tropical Asia and America); *ARUNDO* (Mediterranean region; East Indies, Malay Archipelago, Central and South America, South Africa, Madagascar, New Zealand); *AVENA* (Mediterranean region; temperate region of the eastern hemisphere); *BAMBUSA* (Eastern Asia, Australia); *BECKMANNIA* (China); *BRACHIARIA* (both hemispheres, mostly African); *BROMUS* (temperate regions of northern hemisphere, South America); *CENCHRUS* (tropical and subtropical regions); *CEPHALOSTACHYUM* (North India, Malaya, Madagascar); *CHLORIS* (all parts of the world in tropical and subtropical regions); *CHRYSOPOGON* (Old World tropics, West Indies); *COIX* (East Indies, Ethiopia; warm regions); *CROSSOTROPIS* (Africa); *CYMBOPOGON* (Old World tropics); *CYNODON* (Australia, cosmopolitan); *CYNOSURUS* (Mediterranean region; Europe, Canaries); *DACTYLOCTENIUM* (Tropics); *DENDROCALAMUS* (South-eastern Asia); *DESMOSTACHYIA* (India to Syria and North Africa); *DIARRHENA* (China); *DIGITARIA* (all warm countries); *ECHINOCHLOA* (warm regions of both hemispheres); *ELEUSINE* (all warm countries); *ELIONURUS* (tropical and subtropical regions of both hemispheres); *ELYMUS* (northern and southern temperate regions); *ERAGROSTIS* (all warm and temperate regions); *ERIANTHUS* (mainly tropical); *FESTUCA* (temperate regions); *GLYCERIA* (North America); *GYNERIUM* (South Brazil, Argentina); *HETEROPOGON* (tropical Africa and Asia to Mediterranean); *HIFROCHLOA* (temperate regions); *HORDEUM* (temperate regions; Europe, North Africa, Asia, North and South America); *HYGRORHIZA* (India, Ceylon, Tongking); *IMPERATA* (tropical or warm regions of both hemispheres); *LOLIUM* (temperate regions; Europe, Asia, North Africa); *LOPHATHERUM* (Indo-Malaya, China, Japan); *MANISURIS* (tropical countries; India); *MELICA* (subtropical and temperate regions; Europe, Asia, Africa, America); *MELINIS* (Africa); *MISCANTHIDIUM* (tropical Africa south of the Equator, South Africa); *NASTUS* (Madagascar); *OLYRA* (Africa); *ORYZA* (tropical and subtropical regions of both hemispheres); *ORYZOPSIS* (northern hemisphere); *OXYTENANTHERA* (Africa, India, Malaya); *PANICUM*